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Docket No. MPS 4-87FD3
Serial No. 10/751,014Remarks

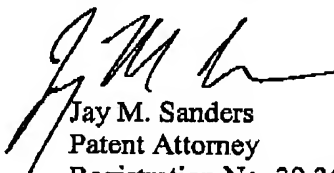
A Notice of Allowance dated December 8, 2006, has been received, but the issue fee has not, as yet, been paid. Claims 1-3, 5, and 7-10 have been allowed in the subject application.

Applicants would like to thank the Examiner for the telephonic conference of February 9, 2007, regarding the subject application. As discussed in the teleconference, the specification is hereby amended to refer to Figures 2A-D and 3A-D instead of Tables 1 and 2. Figures 2A-D and 3A-D are hereby amended to remove reference to Table 1 and Table 2. Applicants respectfully submit that no new matter is introduced by these amendments.

The Commissioner is hereby authorized to charge any fees under 37 CFR §§1.16 or 1.17 as required by this paper to Deposit Account No. 19-0065.

The applicants invite the Examiner to call the undersigned if clarification is needed on any of this response, or if the Examiner believes a telephonic interview would expedite the prosecution of the subject application to completion.

Respectfully submitted,



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Attachments: Replacement Figures 2A and 3A
Annotated Sheets for Figures 2A and 3A showing changes made

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Annotated Sheet

~~Table 1~~ Nucleotide Sequence of Enod2a Genomic Clone

GGATCCTTACACAGGCCAGACATCCCCAAGTTCTCA	36
<u>BamHI</u>	
AATAAGACAAATTTGGTTGTTCTTTTCTTAATATTTACAGGGAGATGTTCTGTCTTTTG	96
ATTTGGGGATTTTCATTTAGCACATAACAAACAGTTAACAATAATTCGCCCCACCAAAAAG	156
ATGTTGCACTAGAACTCAACATAGTAGCTACAACATAATTCTGTAAAAGTTCTGTTCTTTC	216
TTTCAGCTTTACCGTTCATTTTCAGGTGAATATGGAGCAGTTGTTTCATGTATGATTCCAT	276
GCAAATTATAAACTCATTAAACAACTGGAATCATACTCTGTGCCTCTATCACTTCGAA	336
GTTTCTTAATTTTCTTATTGAATTGATTTTCAATTTCTGTTACAAATAACTTAAACATGT	396
CAAGCGCTTCACTTTATTTTTCATAAGATATACATATATATATAATCAGAGCAGTCATC	456
AATAAAAGTGATAAAATATCGTTTTCCATTTCTGGTCAACGTTCCATCAAATTCACATAT	516
ATCAGAATGTATTAAATCCAATGGCTCAGATTCTTTAACTACTGATTTTGTGATTTT	576
AGTTATTTTAGATTGACTGCAAAAAACACACTTTTCAAAGTGATTTGAAGATAGCTTTGG	636
AATAAAACCTAAGTTACTCATATTAGATATGCAACGACTATTTATATGACAAAGTCTAGA	696
ATGCCAGAATTAAAATCACACAGCATGTAAGCAGAAGGAGAACTTTATTAATATCAAGA	756
TTCAATTTGAACATGCCATCAGTGGCGTACCCTTTCCCTACAAATACCCCATTTCTTGGTC	816
AAAGTAAATAAATCTGCACCTATGGTCTGAGTAAACCCAGCCTTGTTTAAAAGAAAACCA	876
GAAACCAGATTCTTTCTCATCTCTGGAGTATGCATCACATCTTTGAGAATCAAAGTCTTT	936
CCAGAGGTAACTTCAGTTCAACATCTCCAGTTCTAGCAACAGTAGTGGTGTGGGAATCA	996

FIG. 2A

Annotated Sheet

~~Table 2~~ Nucleotide Sequence of Enod2b Genomic Clone

AAGCTTGACAAAAGATAAAATGCTTTGTGGGGTGGCGTAGCGTCTTTATGCAGCAATGGTT <u>Hind3</u>	60
TATGTAATTTATGTAATGGGGTGGTCACTCCTAGTGACTGTCCTCTGTGTTATGATTAAT	120
GAAATGTTTTGCTTTTTCGAAAAGAACAATAATCCTTAAGTTCACCCCATTTGTAAATA	180
GTCTCTTACATTGAATTGGGGTTGAATTATTAAAGAAGAAATCTCAACTACTTATTTATT	240
TTAAATTTCAATCATTATTAGTTTAATTTTATAAATCACTTTTCTAAATATTAAATA	300
TAATAAACTCTTCTAAAAACATAATAAATTAATACTAAATAAAATAAATTATTTTTT	360
ATTGGTATTATTTTTGTTTTTTTTTTCTAAATTCATATCTTTTACTTATGTTTTAA	420
TAGACAAAAAAGTGAATTTGTAACNNNNNNCATGTATAGAAAAGTATTCCTTTAACCTATA	480
AAAACTATCATTAAAAATATTTTTTAAGATAATTATTATAAAAAATCAACAAACTTATTAA	540
TAATATATGATTCAATAATAATATATAAAATCTTTGCATCTAACATAAATTATAATAATA	600
TTACAATTTTTCTTTTAAATCAATTTTACATTTTAAAAAATCAAATTAAATTCATATCC	660
GACTATTGCTGCGCATGATAGGCTCTAAAAGACCATCCCATTCACATATTAATATCTTAT	720
TCAACGTTAATCTGTGTTCTGTAGATTCCAAAGATTCAGTGAATAGTGATGGCTAAGA	780
ACAGTTTCTTGACCTTTTCGCTAACAAGCAAGCCTACCTATACAAGCTCCAATTATTTTCT	840
TTTTTGAGGATTGCTCCATTATTTNNCCGACAAAACATACATGCATCTAAATGTGGCAGC	900
ATGCTAAAGTTTTGGTGAGGCTATAGTAAATATGAAATAAAGATTTGAAGTTTCAGCCC	960
AATATAAAAAAAATTAATTCCTTCTGAAATGAAAAGAGTATCAAAGAAGATATAATCA	1020

FIG. 3A